Product datasheet

Anti-FAM65B/RIPOR2 Antibody

Catalog Number: *A32101-1*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
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Basic Information

Product Name	Anti-FAM65B/RIPOR2 Antibody
Gene Name	RIPOR2
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human
Tested Application	WB, FCM, ELISA
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	E.coli-derived human FAM65B/RIPOR2 recombinant protein (Position: L362-D1020).
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	120 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Flow Cytometry (Fixed): 1:50-200 Enzyme linked immunosorbent assay (ELISA):1:100-1000

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

RHO family interacting cell polarization regulator 2 is a protein that in humans is encoded by the RIPOR2 gene. This gene encodes an atypical inhibitor of the small G protein RhoA. Inhibition of RhoA activity by the encoded protein mediates myoblast fusion and polarization of T cells and neutrophils. The encoded protein is a component of hair cell stereocilia that is essential for hearing. A splice site mutation in this gene results in hearing loss in human patients.

Selected Validation Data

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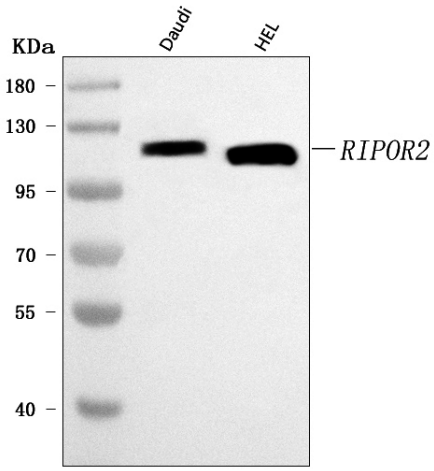
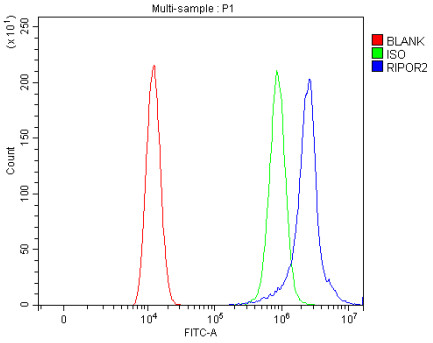


Western blot analysis of anti-FAM65B/RIPOR2 antibody (A32101-1). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human Daudi whole cell lysates,
Lane 2: human HEL whole cell lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-FAM65B/RIPOR2 antigen affinity purified polyclonal antibody (A32101-1) and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for FAM65B/RIPOR2 at approximately 120 kDa. The expected band size for FAM65B/RIPOR2 is at 119 kDa.



Flow Cytometry analysis of HEL cells using anti-FAM65B/RIPOR2 antibody (A32101-1).
Overlay histogram showing HEL cells stained with A32101-1 (Blue line). To facilitate intracellular staining, cells were fixed with 4% paraformaldehyde and permeabilized with permeabilization buffer. The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-FAM65B/RIPOR2 Antibody (A32101-1) at 1:100 dilution for 30 min at 20°C. Fluoro488 conjugated goat anti-rabbit IgG (BA1127) was used as secondary antibody at 1:100 dilution for 30 minutes at 20°C. Isotype control antibody (Green line) was rabbit IgG at 1:100 dilution used under the same conditions. Unlabelled sample without incubation with primary antibody and secondary antibody (Red line) was used as a blank control.